


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	15 September 2022
Team ID	PNT2022TMID48154
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:



Brainstorm & Idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

⌚ 10 minutes to prepare
 🕒 1 hour to collaborate
 👥 2-8 people recommended

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➔ Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

⌚ 10 minutes

- 1 Team gathering**
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.
- 2 Set the goal**
Think about the problem you'll be focusing on solving in the brainstorming session.
- 3 Learn how to use the facilitation tools**
Use the Facilitation Superpowers to run a happy and productive session.

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1 Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

⌚ 5 minutes

replace

How might we [your problem statement]?

Child lockers helps the parents in continuously monitoring the child's location. They can simply leave their children in school or parks and create a geofence around the park/school location. By continuously checking the child's location notifications will be generated if the child crosses the geofence. Notifications will be sent according to the child's location to their parents or caretakers. The entire location data will be stored in the database.

Key rules of brainstorming

To run an smooth and productive session

Stay in topic.

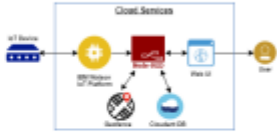
Defer judgement.

Go for volume.

Encourage wild ideas.

Listen to others.

If possible, be visual.



2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

TIP

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

S.GulnasFathima.

Arun navameena

Safe and secure	Alarm Notification
Location Tracking	Safety Guideliness
Check Abnormal Activities	Flexibility

Location History	Security Authentication
World wide usage	Easy to Communicate
Less Expensive	Reliability

Muthulakshimi

Child Security	Highly portable
Biometric Access	Security Alert
Commercial purpose	Highly prioritized

Muthumeenakshi

User Friendly	Password Tracking
Highly Effective	Easy Handling
Less Complexity	Emergency Code

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

20 minutes

BASED ON LOCATION

We can only view the last location of child

To know the children's location if they are missing

The issue is if the GPS data does not pushed to dashboard due to delay in satellite communication it creates big problem

Issue occurring in location not marked or mismatched to safety location

BASED ON SAFETY

The issue is the parent does not know the panic situation of child

It effect the safety of the child and create the panic to parent

The issue is when child crosses some safety location marked by parents, it want to send message to parent, if location not mapped correctly problem occurs

In order to get the information about child safety works smoothing and accurately

It is important because the message has to be sent to parent when child gone to danger area

Based on health

The device materials can vomit hazardous rays

Device heat may be affect the child

To know the heat information of the child

Child body temperature may be affect by devices temperature

TIP

Did customer better logs to study notes to make it easier to find, transfer, organize, and categorize important ideas as themes within your mind.

BASED ON DATA

Data and information are not able to read or write

When the database crashes

To reduce interrupt to get correct information of the child

BASED ON COMMUNICATION

The boundaries of the problem is delay in communication

If the communication between the child and parent may be disconnected by some problem

The issue is if the GPS data does not pushed to dashboard due to delay in satellite communication it creates big problem

4

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes

